

#2

$$m = \frac{3}{4} \quad (16, -2)$$

$$y = \frac{3}{4}x + b$$

$$-2 = \frac{3}{4}(16) + b$$

$$-2 = 12 + b$$

$$-14 = b$$

$$\boxed{\boxed{y = \frac{3}{4}x - 14}}$$